

A B S T R A C T

5 A polymer film is used as an optical compensatory
sheet or a support thereof. The polymer film contains a
rod-like compound. The rod-like compound in the form of a
solution gives an ultraviolet absorption spectrum. In the
spectrum, the wavelength of λ_{max} at the maximum absorption
10 peak is shorter than 250 nm. The spectrum of the rod-like
compound is measured when the rod-like compound is in the
form of solution. The polymer film has an Rth retardation
value of Rth450 measured at the wavelength of 450 nm in the
range of 30 to 160 nm. The polymer film also has an Rth
retardation value of Rth590 measured at the wavelength of
15 590 nm in the range of 50 to 200 nm. The values of the
Rth450 and Rth590 satisfy the condition of $\text{Rth590} - \text{Rth450} \geq 2$ nm.